

Amendments to the Drawings

Attached hereto is one sheet of amended drawings, labeled "Replacement Sheet" pursuant to 37 CFR 1.121(d). This replacement sheet replaces original sheet 4/11 containing Fig. 4a.

Attachment: Replacement Sheet
Annotated Marked-Up Drawings sheet

REMARKS

A Sequence Listing has been inserted into the application in written (on paper) form. A computer readable form of the Sequence Listing is also enclosed herewith. The specification has been amended to insert the SEQ ID NOS corresponding to the sequences set forth in the enclosed Sequence Listing.

The sequences set forth in the Sequence Listing are from Figure 4a (SEQ ID NOS 1, 2 and 3); page 32, line 20 (SEQ ID No:4); and page 32, line 22 (SEQ ID No:5).

FIG 4a has been amended to refer to the sequence identifiers for the sequences shown therein.

**STATEMENT TO SUPPORT FILING AND SUBMISSION
IN ACCORDANCE WITH 37 C.F.R. §§1.821-1.825**

I hereby state that the sequence listing information recorded in computer readable form submitted herewith is identical to the written (on paper) sequence listing submitted herewith. The submission includes no new matter.

Respectfully submitted,

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BY

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ANNOTATED MARKED-UP DRAWINGS

SEQUENCE
IDENTIFIERS
ADDED

4/11

SEQ ID 1 ATGAGAGGATCGCATCACCATCACCATCACGGATCTAAACCACATATCGATAATTATCTT 60
SEQ ID 2 TACTCTCCTAGCGTAGTGGTAGTGGTAGTGCCTAGATTTGGTGTATAGCTATTAATAGAA
SEQ ID 3 M R G S H H H H H G S K P H I D N Y L

CACGATAAAAGATAAAAGATGAAAGGATTGAACAATATGATAAAAATGTAAAAAGAACAGGCG 120
GTGCTATTCTATTCTACTTCCTAACTGTTACTATTTACATTTCTGTCCGC
H D K D K D E R I E Q Y D K N V K E Q A

AGTAAGGATAAAAAGCAGCAAGCTAACCTCAAATTCCGAAAGATAATCGAAAGTGGCA 180
TCATT CCT ATT TT CGT CTT CGATT GGAGTTAAGGCTTCTATTAGCTTCACCGT
S K D K K Q Q A K P Q I P K D K S K V A

GGCTATATTGAAATTCCAGATGCTGATATTAAAGAACAGTATATCCAGGACCAGCAACA 240
CCGATATAACTTAAGGTCTACGACTATAATTCTGGTCATATAGGTCTGGCGTTGT
G Y I E I P D A D I K E P V Y P G P A T

CCTGAACAATTAAATAGAGGTGTAAGCTTGAGAAGAAAATGAATCACTAGATGATCAA 300
GGACTTGTAAATTATCTCACATTGAAACGTCTCTTTACTTAGTGTACTAGTT
P E Q L N R G V S F A E E N E S L D D Q

AATATTCAATTGCAGGACACACTTCATTGACCGTCCGAACATCAATTCAAATCTT 360
TTATAAAGTTAACGTCCTGTGTGAAAGTAACGGCTTGATAGTAAATGTTAGAA
N I S I A G H T F I D R P N Y Q F T N L

AAAGCAGCCAAAAAAGGTAGTATGGTGTACTTTAAAGTTGGTAATGAAACACGTAAGTAT 420
TTTCGTCGGTTTTCCATCATACACATGAAATTCAACCATTACTTGTGCATTCTA
K A A K K G S M V Y F K V G N E T R K Y

AAAATGACAAGTATAAGAGATGTTAACGCTACAGATGTAGAAGTTCTAGATGGATCCGCA 480
TTTTACTGTTCATATTCTCTACAATTGGATGTCTACATCTCAAGATCTACCTAGGCGT
K M T S I R D V K P T D V E V L D G S A

TGCGAGCTCGGTACCCGGGTCGACCTGCAGCCAAGCTTAATTAG 525
ACGCTCGAGCCATGGGCCAGCTGGACGTCGGTCAATTATC
C E L G T P G R P A A K L N *

Figure 4a